

Message

From: d'Almeida, Carolyn K. [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9EC4401AFA1846DD93D52A0DDA973581-CDALMEID]
Sent: 5/24/2017 11:05:11 PM
To: Henning, Loren [Henning.Loren@epa.gov]
Subject: FW: ST12 response
Attachments: WAFB_DRC01_ADWR.pptx

And here are the other wells, below; and the original DWR powerpoint attached. Dr Termaath should have this already.

Carolyn d'Almeida
Remedial Project Manager
Federal Facilities Branch (SFD 8-1)
US EPA Region 9
(415) 972-3150

"Because a waste is a terrible thing to mind..."

From: d'Almeida, Carolyn K.
Sent: Tuesday, May 23, 2017 11:45 AM
To: 'Cosler, Doug' <Doug.Cosler@TechLawInc.com>; 'Dan Pope' <DPope@css-inc.com>; Davis, Eva <Davis.Eva@epa.gov>; 'Bo Stewart' <Bo@praxis-enviro.com>; Henning, Loren <Henning.Loren@epa.gov>; 'Brasaemle, Karla' <Karla.Brasaemle@TechLawInc.com>; 'Wayne Miller' <Miller.Wayne@azdeq.gov>; 'Jennings, Eleanor' <Eleanor.Jennings@parsons.com>; 'Steve Willis' <steve@uxopro.com>
Subject: RE: ST12 response

There are actually more wells even closer than the City's municipal wells

Ex. 9 - Wells

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"Because a waste is a terrible thing to mind..."

From: d'Almeida, Carolyn K.

Sent: Thursday, May 18, 2017 4:39 PM

To: 'Cosler, Doug' <Doug.Cosler@TechLawInc.com>; 'Dan Pope' <DPope@css-inc.com>; Davis, Eva <Davis.Eva@epa.gov>; 'Bo Stewart' <Bo@praxis-enviro.com>; Henning, Loren <Henning.Loren@epa.gov>; 'Brasaemle, Karla' <Karla.Brasaemle@TechLawInc.com>; 'Wayne Miller' <Miller.Wayne@azdeq.gov>; 'Jennings, Eleanor' <Eleanor.Jennings@parsons.com>; 'Steve Willis' <steve@uxopro.com>

Subject: RE: ST12 response

This would be a useful figure from a prior dispute on Williams for developing modeled future plume maps for ST12. This also might explain the northeastern groundwater trend we've been seeing. Maybe we should ask ADWR or City of Mesa about pumping rates as input for fate and transport model?

Ex. 9 - Wells

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"Because a waste is a terrible thing to mind..."

From: d'Almeida, Carolyn K.
Sent: Thursday, May 18, 2017 3:06 PM
To: 'Cosler, Doug' <Doug.Cosler@TechLawInc.com>; 'Dan Pope' <DPope@css-inc.com>; Davis, Eva <Davis.Eva@epa.gov>; Bo Stewart <Bo@praxis-enviro.com>; Henning, Loren <Henning.Loren@epa.gov>; Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>; Wayne Miller <Miller.Wayne@azdeq.gov>; Jennings, Eleanor <Eleanor.Jennings@parsons.com>; Steve Willis <steve@uxopro.com>
Subject: RE: ST12 response

Thanks everyone for your efforts with this. I just got off of the phone from briefing Enrique. He is very interested in your model conclusions, but has a follow up question that will require additional modeling effort. He wants to know given the slow degradation rate predicted by the model, can we also link a transport model to show growth of groundwater plume over the predicted timeframe?

Carolyn d'Almeida
Remedial Project Manager

Federal Facilities Branch (SFD 8-1)
US EPA Region 9
(415) 972-3150

"Because a waste is a terrible thing to mind..."

From: Cosler, Doug [<mailto:Doug.Cosler@TechLawInc.com>]

Sent: Thursday, May 18, 2017 12:16 PM

To: 'Dan Pope' <DPope@css-inc.com>; Davis, Eva <Davis.Eva@epa.gov>; Bo Stewart <Bo@praxis-enviro.com>; d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Henning, Loren <Henning.Loren@epa.gov>; Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>; Wayne Miller <Miller.Wayne@azdeq.gov>; Jennings, Eleanor <Eleanor.Jennings@parsons.com>; Steve Willis <steve@uxopro.com>

Subject: RE: ST12 response

I added my edits to Eva's version (attached). I believe I addressed a few of her comments and a couple of Dan's. I regret that I wasn't able to add my comments to Bo's original version before sending out yesterday; hence, all of the red-line. (Bo also needs to make sure he is OK with the changes I made).

Maybe we need to an updated "clean" version for Dan to make some of his edits and for Eleanor to look at?

Doug

From: Dan Pope [<mailto:DPope@css-inc.com>]

Sent: Thursday, May 18, 2017 11:31 AM

To: Cosler, Doug <Doug.Cosler@TechLawInc.com>; 'Davis, Eva' <Davis.Eva@epa.gov>; Bo Stewart <Bo@praxis-enviro.com>; d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Henning, Loren <Henning.Loren@epa.gov>; Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>; Wayne Miller <Miller.Wayne@azdeq.gov>; Jennings, Eleanor <Eleanor.Jennings@parsons.com>; Steve Willis <steve@uxopro.com>

Subject: RE: ST12 response

A couple of comments, most of which are not actionable, added to Eva's comments.

From: Cosler, Doug [<mailto:Doug.Cosler@TechLawInc.com>]

Sent: Thursday, May 18, 2017 8:56 AM

To: 'Davis, Eva'; Bo Stewart; d'Almeida, Carolyn K.; Henning, Loren; Dan Pope; Brasaemle, Karla; Wayne Miller; Jennings, Eleanor; Steve Willis

Subject: RE: ST12 response

I'm looking at this summary again this morning and will try to address as many of Eva's comments as I can.

Doug

From: Davis, Eva [<mailto:Davis.Eva@epa.gov>]

Sent: Wednesday, May 17, 2017 5:02 PM

To: Bo Stewart <Bo@praxis-enviro.com>; d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Henning, Loren <Henning.Loren@epa.gov>; 'Dan Pope' <DPope@css-inc.com>; Brasaemle, Karla <Karla.Brasaemle@TechLawInc.com>; Cosler, Doug <Doug.Cosler@TechLawInc.com>; Wayne Miller <Miller.Wayne@azdeq.gov>; Jennings, Eleanor <Eleanor.Jennings@parsons.com>; Steve Willis <steve@uxopro.com>

Subject: RE: ST12 response

A few comments inserted in the document -

From: Bo Stewart [<mailto:Bo@praxis-enviro.com>]

Sent: Wednesday, May 17, 2017 2:48 PM

To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Henning, Loren <Henning.Loren@epa.gov>; Davis, Eva <Davis.Eva@epa.gov>; 'Dan Pope' <DPope@css-inc.com>; Brasaemle, Karla <KBrasaemle@TechLawInc.com>; Cosler, Doug <Doug.Cosler@TechLawInc.com>; Wayne Miller <Miller.Wayne@azdeq.gov>; Jennings, Eleanor <Eleanor.Jennings@parsons.com>; Steve Willis <steve@uxopro.com>

Subject: Re: ST12 response

Hi All,

Attached is the summary that Doug and I came up with. I also added an outline and made some edits to make the memo a little more readable. That is also attached. Please comment on/edit the summary to make it more understandable. We added some interpretative language that does not appear in the memo to get the point across although held back adding that these time estimates are still optimistic as they assume the degradation goes flawlessly.

Bo

On 5/11/2017 3:48 PM, d'Almeida, Carolyn K. wrote:

d'Almeida, Carolyn K. has invited you to ST12 response

| | |
|--------------|---|
| Title: | ST12 response |
| Location: | Dial-In Number(s): (866) 299-3188 Conference Code: 4159722020 |
| When: | Tuesday, May 16, 2017 10:30 AM – 12:00 PM |
| Organizer: | d'Almeida, Carolyn K. < dAlmeida.Carolyn@epa.gov > |
| Description: | Dial-In Number(s): (866) 299-3188 Conference Code: 4159722020 |
| Comment: | |
| Attendees: | Henning, Loren <Henning.Loren@epa.gov> Davis, Eva <Davis.Eva@epa.gov> 'Dan Pope' <DPope@css-inc.com> Brasaemle, Karla <KBrasaemle@TechLawInc.com> Cosler, Doug <Doug.Cosler@TechLawInc.com> Wayne Miller <Miller.Wayne@azdeq.gov> Jennings, Eleanor <Eleanor.Jennings@parsons.com> Bo Stewart <Bo@praxis-enviro.com> R9SF-ConferenceLine-SFD-Card2 <R9SF-ConferenceLine-SFD-Card2@epa.gov> |

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Lloyd "Bo" Stewart, PhD, PE
Praxis Environmental Tech., Inc.